

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of the claims in the application:

Listing of Claims:

C1
1. (Currently Amended) A method, performed by a processor in a digital media player, for filing media tracks stored on a computer-readable ~~media~~medium, with each media track having ~~metadata associated therewith including category value~~attribute data for ~~naming~~identifying attributes of the track ~~and type data indicating the type of track~~, said method comprising the acts of:

reading a definition file that defines an ordered hierarchical tree structure having a plurality of branches, with the hierarchical tree structure ~~file~~ including category names for naming ~~the branch~~branches under which tracks are sorted, subcategory names for defining subcategories within the branches, ~~track type information specifying which type of tracks are to be sorted under the branch~~, and structure information defining how to file tracks based on ~~associated metadata~~ the hierarchy of branch names and subcategory names; and

for each track, determining, based on ~~metadata describing the attribute data associated with the track~~ if the track belongs in ~~the branch~~one or more of the branches, and, for each branch in which the track belongs, filing the track under one or more subcategories ~~traversing the branch to determine the appropriate location to file the track~~.

2. (Currently Amended) The method of claim 1, ~~where said act of searching further comprises the acts of~~comprising:

utilizing track type information to file only tracks of a specified type under a particular branch.

3. (Currently Amended) The method of claim 1, ~~further comprising the acts of~~:

for each branch, utilizing category structure information to file tracks in a specified attribute order.

4. (Currently Amended) The method of claim 1, where said digital media player includes a display screen and a user interface for interacting with the display screen, ~~further the method comprising the acts of:~~

displaying the categories and subcategories on the display screen in a hierarchical order;
displaying ~~all~~ names of at least some tracks associated with a category or sub-category when a user utilizes the interface to select a category or sub-category;

monitoring selection of a track name by the user and, in response to the selection, playing the track utilizing the pointer to access and play a track when a user selects a track name through the user interface; and

monitoring selection of a category or subcategory by the user and, in response to the selection, playing utilizing the pointer to access and play a collection of tracks within a the selected category or subcategory when a user selects a category or subcategory through the user interface.

5. (Canceled)

6. (Currently Amended) A method, performed by a processor in a digital media player, for filing media tracks, stored on a computer-readable mediamedium, under categories in ~~an in memory~~ a tree structure, with each media track having ~~metadata~~ attribute data identifying attributes of the track associated therewith, the attribute data including category name data for naming, said method comprising ~~the acts of:~~

upon startup or when a track is added or changed, searching the ~~metadata~~ attributes of each track; and

for each track, automatically filing the track by category name under each selected category associated with the attributes to form ~~a an~~ a hierarchical track filing scheme.

7. (Currently Amended) The method of claim 6, ~~further comprising the act of:~~

selecting the categories to be the ~~-album Album~~ including the track, the title of the track, and the name of the artist that recorded the track.

8. (Currently Amended) The method of claim 6, where said digital media player includes a display screen and a user interface for interacting with the display screen, ~~further the method comprising the acts of:~~

- displaying the categories on the display screen in a hierarchical order;
- displaying all names of tracks associated with a category when a user utilizes the user interface to select a category ;
- accessing and playing a track when a user selects a track name through the user interface;
- and
- accessing and playing a collection of tracks within a category when a user selects a category through the user interface.

9. (Currently Amended) A computer program product comprising:

a computer readable medium having program code embodied therein for filing media tracks stored on a computer readable ~~media~~medium, with each media track having ~~metadata associated therewith including category value~~ attribute data for naming-identifying attributes of the track ~~and type data indicating the type of track~~, said program code comprising:

program code, executed by a processor, for reading a definition file that defines an ordered hierarchical tree structure having a plurality of branches, with the hierarchical tree structure file including category names for naming ~~the branch~~ branches under which tracks are sorted, subcategory names for defining subcategories within the branches track type information specifying which type of tracks are to be sorted under the branch, and structure information ~~defining how to file tracks based on associated metadata~~ the hierarchy of branch names and subcategory names within the branches;

program code, executed by a processor, for each track, for determining, based on ~~metadata describing the attribute data associated with the track~~, if the track belongs in one or more of the branch branches, and, for each branch in which the track belongs, filing the track under one or more subcategories ~~traversing the branch to determine the appropriate location to file the track~~.

10. (Currently Amended) A computer program product comprising:

a computer readable medium for having program code embodied therein for filing media tracks, stored on a computer-readable ~~media medium~~, under categories in ~~an in-memory~~ a tree structure, with each media track having ~~metadata-attribute data identifying attributes of the track~~ associated therewith, the attribute data including category name data ~~for naming~~, said program code comprising:

program code, execute by a processor, upon startup or when a track is added or changed, for searching the ~~metadata-attributes~~ of each track; and

program code, executed by a processor, for each track, for automatically filing the track by category name under each selected category to form a an hierarchical track filing scheme.

11. (New) A method of arranging media information relating to media tracks stored on a computer-readable medium, the method comprising:

reading a media definition file that includes a plurality of categories, wherein each category groups tracks having corresponding attributes associated with the media tracks; and
for each track,

identifying a plurality of attributes associated with the track;
identifying a category associated with each attribute; and
grouping the track within each category that has been identified.

12. (New) The method of claim 11, wherein each track is grouped within at least two categories of the media definition file and each category includes a list of tracks having corresponding attributes.

13. (New) The method of claim 11, wherein a plurality of track identifiers are provided in each category, each track identifier being to identify a track associated with the category.

14. (New) The method of claim 11, wherein the plurality of categories relates to music and the categories comprise one of an album name category, an artist name category, and a genre category.

15. (New) The method of claim 11, wherein the at least one category comprises a plurality of subcategories associated with further attributes of the media tracks, the categories and the subcategories being arranged in a hierarchical tree structure.

16. (New) The method of claim 15, wherein the category comprises an artist name category that includes at least one subcategory identifying a group with which the artist is associated.

17. (New) The method of claim 15, wherein the category comprises a genre category that includes at least one subcategory identifying a group or artist associated with the genre category.

18. (New) The method of claim 11, wherein at least one category of the plurality of categories comprises a list of all tracks associated with the media definition file irrespective of their associated attributes

19. (New) The method of claim 1, wherein a link to the same media track is provided in more than one category.

20. (New) The method of claim 1, wherein said grouping the track within each category comprises providing an identifier within each category that has been identified, the identifier identifying the track associated with the category.

21. (New) A method of displaying media information on a display screen, the media information relating to media tracks stored on a computer-readable medium, the method comprising:

retrieving display data for display on the display screen from a media definition file that includes a plurality of categories, each category corresponding to an attribute associated with the media tracks, the display screen layout being based on the plurality of categories; and
for each track, displaying the track under each category with which it is associated.

22. (New) The method of claim 21, wherein the categories comprise at least one of an artist name category, an album name category and a genre category, the display screen layout identifying the at least one category.

23. (New) A method of arranging media information relating to media tracks stored on a computer-readable medium, the method comprising:

identifying a plurality of attributes associated with a media track;

identifying at least two categories, each identified category corresponding to an attribute;

and

providing a link to the track in each of the categories identified to provide a plurality of links in each category that identify a plurality of tracks associated with the category.